

UMK 33 Relay Base

Data Sheet 1092A

January 2000

Features

- · Accepts up to 4 PDT relay
- Pluggable base accepts Potter & Brumfield KHA/KHS series and Aromat HC4 series relays
- · DIN-rail mounted
- Coil status indication for 24 V dc or 120 V ac
- · Separation of coil and contact wiring

Description

The UMK 33 base manufactured by Phoenix Contact allows for a variety of relays to be utilized within one base. The module will accept the following relay contact configurations:

1 PDT, 2 PDT, 3 PDT and 4 PDT.

The UMK 33 standard relay base can be used with any coil voltage. Status indication bases are also available for 24 V dc or 120 V ac.

For hazardous applications, the UMK 33 base can be fitted with the KHS series relay from Potter & Brumfield. This relay is hermetically sealed and UL approved for Class 1 Division 2 hazardous locations. A relay mounting clip must be used for this application to prevent accidental removal of the relay during operation.



Figure 1. UMK 33 Relay Base

Table 1. UMK 33 Relay Base Specifications

Technical Data Contact rating
relay used with module General Full wire range
Full wire range
Dimensions 0.45 in
Height
Width1.33 in. (33.7 mm)
Depth

1092A002

UMK 33 Relay Base

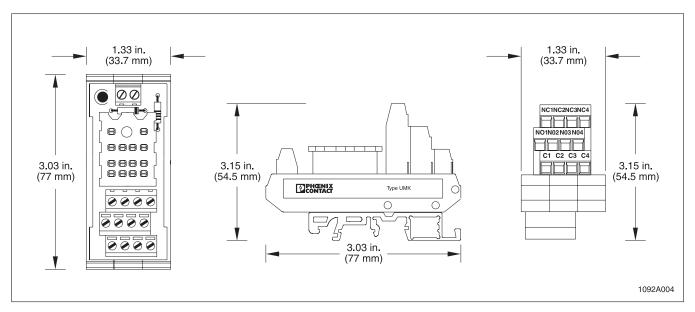


Figure 2. UMK 33 Relay Base Dimensions

2

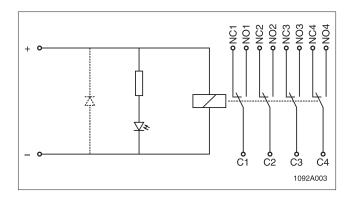


Figure 3. UMK 33 Relay Base Block Diagram

The following are suggested relays for use in the UMK 33 base:

Potter & Brumfield

KHS-17D12-24* KHS-17A12-120* KHAU-17D12-24 KHAU-17A12-120 20C217 (mounting clip)

Omron

MY4-DC24 MY4-AC120

Aromat

HC4HDC24 HC4HAC120

Ordering Information

Standard Base (no indication)

UMK 33-REL NI/4X21-ST 55 21 83 0

Base with coil status indication

UMK 33-REL 24/4X21-ST 55 21 81 4 UMK 33-REL 120/4X21-ST 55 21 82 7

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^{*} Hermetically sealed relays